

CSP-2017-1_NH - NH BF NIPF_Associated Ag Land

Soil Erosion

Sheet and Rill Erosion

Planning Criteria

Screening level: Permanent ground cover > 90% and slope < 10%.
Assessment level: The water erosion rate is <= T.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

All temporary or permanent rills and gullies are stabilized. All areas expected to have high erosion rates are stable.

Evaluation Test Met

Yes ☐ No ☐

Wind Erosion

Planning Criteria

Screening level: Permanent ground cover > 90% and slope < 10%.
Assessment level: The wind erosion rate is <= T.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

All temporary or permanent rills and gullies are stabilized. All areas expected to have high erosion rates are stable.

Evaluation Test Met

Yes ☐ No ☐

Classic Gully Erosion

Planning Criteria

Screening level: Classic gullies are not present. Assessment level: Classic gully management is adequate to stop the progression of head cutting and widening and are offsite impacts are minimized by vegetation and/or structures.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

All temporary or permanent rills and gullies are stabilized. All areas expected to have high erosion rates are stable.

Evaluation Test Met

Yes ☐ No ☐

CSP-2017-1_NH - NH BF NIPF_Associated Ag Land**Soil Quality Degradation****Organic Matter Depletion****Planning Criteria****Planning Criteria Met**

Screening level: Soil organic matter depletion is not a problem AND activities do not cause soil organic matter depletion. Assessment level: Ground cover meets state criteria specific to ecological site.

Yes ☐ No ☐

Evaluation Tests**Evaluation Test Met**

The areas integrated with trees are covered with leaves, needles, fine woody debris, rocks, and/or herbaceous vegetation that protects the soil on more than 80 percent of the area. The topsoil is not displaced. Woody residue is being added to the forest floor through branch breakage and treefalls.

Yes ☐ No ☐

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Water Quality Degradation

Excessive Sediment in Surface Water

Planning Criteria

Screening level: Permanent ground cover > 90% and slope < 10% AND classic gullies are not present AND streams or shoreline are not on or adjacent to site. Assessment level: Upslope treatment and buffer practices address concentrated flows to water bodies AND the SVAP2 - bank condition ≥ 5 AND the livestock and vehicle water crossings are stable AND The water erosion rate is $\leq T$ AND wind erosion rate is $\leq T$.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

All temporary or permanent rills and gullies are stabilized. All areas expected to have high erosion rates are stable.

Evaluation Test Met

Yes ☐ No ☐

Elevated Water Temperature

Planning Criteria

Screening level: Water courses on or adjacent to the site are not designated by a State Agency as a temperature impairment OR water course temperature is not a client concern. Assessment level: The SVAP2 - riparian area quality element score is ≥ 5 AND the SVAP2 - riparian area quantity quality element score is ≥ 5 AND the SVAP2 - canopy cover element score is ≥ 6 , OR existing conservation practices are in place to address water temperature.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

More than 50 percent of the water surface is shaded on the length of the stream/river you control.

Evaluation Test Met

Yes ☐ No ☐

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Air Quality Impacts

Emissions of Particulate Matter (PM) and PM Precursors

Planning Criteria

Planning Criteria Met

Screening level: Activities are not present that contribute to agricultural source PM or PM precursor emissions AND episodes or complaints of emissions of PM (dust, smoke, exhaust, etc.), or chemical drift have not occurred. PM producing activity examples are: Prescribed Burn is conducted, Travel ways unpaved or treated with binding agents, Engines (combustion source), Tillage, Pesticides are applied, Fertilization (manure/ commercial), CAFO/manure management). Assessment level: PM and PM Precursor emissions are managed to meet client objectives.

Yes ☐ No ☐

Evaluation Tests

Evaluation Test Met

Dust is controlled on all non-vegetated, unpaved travel ways.

Yes ☐ No ☐

CSP-2017-1_NH - NH BF NIPF_Associated Ag Land**Degraded Plant Condition****Inadequate Structure and Composition****Planning Criteria**

Screening level: Plant communities support the intended land use and desired ecological functions. Assessment level: Plant communities contain adequate diversity, composition and structure to support desired ecological functions.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

The current plants provide the desired habitat structure and composition.

Evaluation Test Met

Yes ☐ No ☐

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Fish and Wildlife - Inadequate Habitat

Inadequate Habitat - Food

Planning Criteria

Assessment level: The WHSI rating is ≥ 0.5 AND (when surface stream present) the SVAP2 - fish habitat complexity element score is ≥ 7 AND the SVAP2 - aquatic invertebrate habitat element score is ≥ 7 , OR conservation practices and managements are in place that meet or exceed species or guild-specific habitat model thresholds, OR food is available in quality and extent to support habitat requirements for the species of interest.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

Designated areas are planted as food and habitat for pollinators/beneficial insects. For example, planted to nectar and pollen producing plants and protected from disruption--chemical, biological, or mechanical.

Evaluation Test Met

Yes ☐ No ☐

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Inadequate Habitat - Cover/Shelter

Planning Criteria

Assessment level: The WHSI rating is ≥ 0.5 AND (when surface stream present) the SVAP2 - barriers to movement element score is ≥ 7 AND the SVAP2 - fish habitat complexity element score is ≥ 7 AND the SVAP2 - aquatic invertebrate habitat element score is ≥ 7 , OR conservation practices and managements are in place that meet or exceed species or guild-specific habitat model thresholds, OR cover is of available quality and extent to support habitat requirements for the species of interest.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

All stream banks show few signs of erosion or bank failure. Each is stable and protected with natural materials.

Evaluation Test Met

Yes ☐ No ☐

Plant growth provides cover/shelter that benefits threatened, endangered, or declining wildlife species. <see State Wildlife Action Plan>

Yes ☐ No ☐

Inadequate Habitat - Water

Planning Criteria

Assessment level: The WHSI rating is ≥ 0.5 AND (when surface stream present) the SVAP2 - aquatic invertebrate habitat element score is ≥ 7 , OR conservation practices and managements are in place that meet or exceed species or guild-specific habitat model thresholds, OR water is available in quality and extent to support habitat requirements for the species of interest.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

Access to water is at the right height, depth and time of year for wildlife species.

Evaluation Test Met

Yes ☐ No ☐

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Inadequate Habitat - Habitat Continuity (Space)

Planning Criteria

Assessment level: The WHSI rating is ≥ 0.5 AND (when surface stream present) the SVAP2 - barriers to movement element score is ≥ 7 AND the SVAP2 - aquatic invertebrate habitat element score is ≥ 7 , OR conservation practices and managements are in place that meet or exceed species or guild-specific habitat model thresholds, OR The connectivity of habitat components are adequate to support stable populations of targeted species.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

People, vehicles, equipment, or livestock are only moved across a stream/river at a bridge, culvert, or stabilized ford crossing(s). Travel across the stream/river beyond these crossings is controlled.

Evaluation Test Met

Yes ☐ No ☐

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Inefficient Energy Use

Equipment and Facilities

Planning Criteria

Planning Criteria Met

Screening level: Client is not interested in improving equipment and facilities energy efficiency. Assessment level: Major components of a USDA approved energy audit have been implemented that address equipment and facilities to meet client objectives OR On-farm renewable energy and/or energy conserving practices have been implemented to meet client objectives.

Yes ☐ No ☐

Evaluation Tests

Evaluation Test Met

Recommendations/components of an energy audit have been applied. The audit addressed equipment and facilities on the farm. For example, energy loss from lighting, drying, refrigeration, heating, or building insulation have been improved.

Yes ☐ No ☐

Farming/Ranching Practices and Field Operations

Planning Criteria

Planning Criteria Met

Screening level: Client is not interested in improving equipment and facilities energy efficiency. Assessment level: Major components of a USDA approved energy audit have been implemented that address equipment and facilities to meet client objectives OR On-farm renewable energy and/or energy conserving practices have been implemented to meet client objectives.

Yes ☐ No ☐

Evaluation Tests

Evaluation Test Met

Recommendations/components of an energy audit have been applied. The audit addressed equipment and facilities on the farm. For example, energy loss from lighting, drying, refrigeration, heating, or building insulation have been improved.

Yes ☐ No ☐